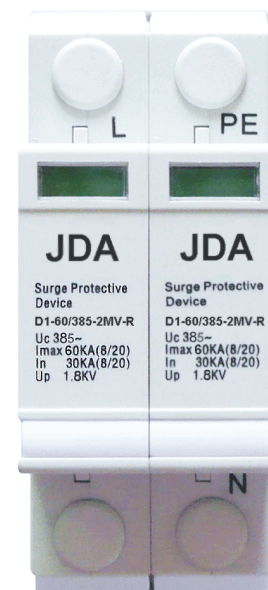


Single Phase (2 MOV Modules) Surge Protective Devices Type D1-60/***-2MV-R

Surge arrester for low-voltage power supply system
protection against surges at the boundaries from
lightning protection zone 0B-1 and higher

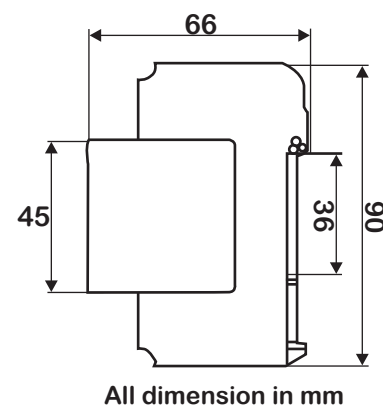
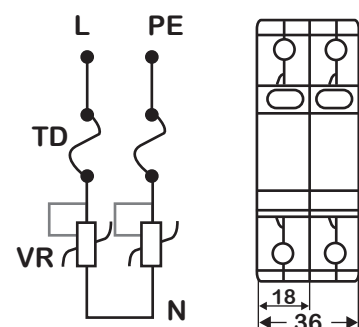
- Class I+II (B+C) arrester in according with IEC61643-1:2005.
- Two part design consisting of base and plug-in protection module.
- High energy MOV (Metal Oxide Varistor) inside.
- Reliable supervision due to disconnection device.
- Fault indication by red indication flag in window.
- Fast response.
- With remote alarm terminal.



Characteristics

Type		D1-60/***-2MV-R									
		75	150	175	275	300	320	385	440	550	600
In accordance with		IEC61643-1:2005 ; UL1449 3rd									
Category IEC/VDE		I+II / B+C									
Max. continuous operating voltage (AC/DC)		75/100	150/200	175/225	275/300	300/385	320/420	385/505	440/585	550/745	600/800
Nominal discharge current(8/20) In	L-N	30KA									
	N-PE	30KA									
Max. discharge current(8/20) I _{max}	L-N	60KA									
	N - PE	60KA									
Lightning impulse current(10/350) I _{imp}	L-N	7KA									
	N - PE	7KA									
Voltage protection level	@In	0.5KV	0.8KV	0.8KV	1.4KV	1.5KV	1.6KV	1.8KV	2.2KV	2.8KV	3.0KV
	@3KA	0.3KV	0.5KV	0.6KV	1.0KV	1.0KV	1.1KV	1.3KV	1.5KV	2.0KV	2.0KV
Response time	L-N	≤25 ns									
	N-PE	≤25 ns									
Follow current	L-N	No									
	N-PE	No									
Backup fuse (only required if not already provided in mains)		160A gL/gG									
Operating temperature range		- 40°C ~ + 80°C									
Cross-section of connection wire		Single-strand 35mm ² ; multi-strand 25mm ²									
Mounting		35mm DIN-rail in accordance with EN 50022 / DIN46277-3									
Enclosure material		Thermoplastic ; extinguishing degree UL94 V-0									
Degree of protection		IP20									
Installation width		2 modules , DIN 43880									
Thermal disconnecter		Internal green – normal red - failure									
Remote alarm contact		Optional									

Dimensions and Diagram



Note: Subject to change without any notice.